



# **WBS 6.4**

## **Liquid Argon Calorimeter System: Recent Developments and Next Steps**

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# Update and Upcoming Steps

- We are in the midst of “scrubbing” the LAr RLS
- Scrubbing sessions held so far:
  - PA/Shaper - Apr. 20 (<https://indico.bnl.gov/conferenceDisplay.py?confId=3048>)
  - Syst. Integ. – Apr. 21 (<https://indico.bnl.gov/conferenceDisplay.py?confId=3049>)
  - FEB2 – Apr. 27 (<https://indico.bnl.gov/conferenceDisplay.py?confId=3061>)
- Need to get the remaining 2 BOEs (FE Components and BE Electronics) to scrubbing asap
  - Comments from internal review provided on first BOE versions, and have now been implemented by Tim and Andy
  - JP/Marc-Andre should provide new round of comments (hopefully by end of day tomorrow)
  - Need to decide today whether to aim for one scrubbing still this week and one next week, or both next week
  - Standard 2-hours timeslots are: Mondays at noon eastern, Thursdays at noon eastern, Fridays at 8 am eastern



# Next Steps

- We need to collect changes required to RLS, that will be input by Manny et al.
  - Marc-Andre has started google doc at <https://docs.google.com/spreadsheets/d/1USS7EPFTTqXtelgGDsqCRGSPuL6wmD7NUyc8KLfJrlQ/edit#gid=0>
- Need to iterate BOEs, taking into account feedback from scrubblings
- Some observations:
  - We (like many subsystems) rely on “previous experience” a lot, and during the scrubblings are being “strongly encouraged” to make cost/manpower estimates more explicit/concrete (and therefore hopefully easier to defend)
  - For example, try get actual costs for recent boards, test jigs and test setups
    - PA/S test setup developed at BNL (Hong/Hucheng)
    - LTDB production cost, once known (Marc-Andre/Hucheng)
    - Phase I ADC QA/QC test jig being developed at Nevis (John)
    - Irradiation test jigs (BNL – Hucheng, Nevis- Tim/John)
    - ATCA-based setup at SBU? (Andy)
    - Other examples?



# Risk Workshop

- Many of the questions asked at the NSF pre-review were focused on various aspects of the issue of risk
  - How are risks documented, managed, ...
- We expect a similar focus on the DOE side of the scope
- The mgmt decided to hold a “Risk Workshop” next Monday (May 8, 1-4 pm) to discuss how to generate a coherent strategy, etc.
  - <https://indico.bnl.gov/conferenceDisplay.py?confId=3059> (passwd 951413)
  - You are all encouraged to attend; please do attend if at all possible